

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/AT2004/000196

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B66B23/04 B66B23/24

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B66B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 134 883 A (MENDELSON MORRIS A ET AL) 16 January 1979 (1979-01-16)	1-3, 5, 6, 8, 9, 12, 42, 47, 51
Y	column 1, lines 20-35; table 1	4, 7, 10, 11, 13-15, 43
Y	column 2, lines 5-10	
Y	US 6 199 678 B1 (REO SEUNG DAE) 13 March 2001 (2001-03-13)	4, 43
A	abstract; figures 5a-5c, 6a, 6b	1
X	US 1 101 209 A (PITT) 23 June 1914 (1914-06-23)	21-23
Y	figures 2-5	7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

18 October 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 016, no. 082 (M-1215), 27 February 1992 (1992-02-27) -& JP 03 264490 A (MITSUBISHI ELECTRIC CORP), 25 November 1991 (1991-11-25)	10,11
A	abstract; figures 2-6	1
Y	PATENT ABSTRACTS OF JAPAN vol. 016, no. 206 (M-1248), 15 May 1992 (1992-05-15) & JP 04 032491 A (SHOWA ELECTRIC WIRE & CABLE CO LTD), 4 February 1992 (1992-02-04)	13
A	abstract	1
Y	US 3 568 813 A (SCHAEFFER ROBERT O ET AL) 9 March 1971 (1971-03-09)	14
A	figure 4	1
Y	US 3 623 590 A (JOHNSON ERNEST D) 30 November 1971 (1971-11-30)	15,26
A	figures 1-4	1
X	GB 1 305 935 A (WESTINGHOUSE ELECTRIC CORPORATION) 7 February 1973 (1973-02-07)	16,17, 20,44, 45,51
Y	page 3, lines 50-60 page 4, lines 1-15	18,19
Y	US 3 048 256 A (SKINNER CLAYTON H) 7 August 1962 (1962-08-07)	18,33,46
A	the whole document	16
Y	DE 299 03 376 U (BLUHM) 22 July 1999 (1999-07-22)	19,27, 28,41
A	figures 1-3	16,21
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 17, 5 June 2001 (2001-06-05) -& JP 01 048795 A (HITACHI CABLE LTD), 23 February 1989 (1989-02-23)	21-25, 29-32, 34-40, 42-45
Y	abstract; figures 1-6	26-28, 33,41, 43,46
X	US 4 005 773 A (BOUILLE JOSEPH R) 1 February 1977 (1977-02-01) column 5, lines 25-28	1,47-50